

FIG. 2A

202

Directory Class

202a

ATTRIBUTES:

Type
Actions Enabled
Permissions
Owner
Group ID
Local ID
Local Parent ID
MAESI Bit
Mirror Bit
Mirror Target ID
Multicast IPV6 Address
Multicast mirror group
Frequency of Mirror
Time StampS
Etc.

202b

OPERATIONS:

Create ();
Delete ();
Move ();
Change owner ();
Change group ();
Link ();
Unlink ();
Change permissions ();

FIG. 2B

5204

File Class

204a

ATTRIBUTES:

Type
Actions Enabled
Permissions
Owner
Group ID
Local ID
Local Parent ID
MAESI Bit
Mirror Bit
Mirror Target ID
Multicast IPV6 Address
Multicast Mirror Group
Frequency of Mirror
Time Stamps
Etc.

204b

OPERATIONS:

Open ();
Edit ();
Append ();
Read ();
Write ();
Link ();
Concatenate () or Open, Read, redirect, close ();
Create ();
Delete ();
Move ();
Change owner ();
Change group ();
Link ();
Unlink ();
Change permissions ();

FIG. 2C

300

DIR, A	f_{A1}	f_{A2}	f_{A3}	DIR, B	f_{B1}	f_{B2}	DIR, C	f_{C1}	f_{C2}	f_{C3}	f_{C4}	DIR, D	f_{D1}	f_{D2}
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FIG. 3A

350

DIR A	f_{A1}	f_{A2}	f_{A3}	DIR B	f_{B1}	f_{B2}	DIR C	f_{C1}	f_{C2}	f_{C3}	f_{C4}	DIR D	f_{D1}	f_{D2}
(IPTD)														
Vol. Z	DIR A		DIR A		DIR B		DIR A		DIR C		DIR C		DIR D	
(CI)	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Printer A	Printer A		Printer B		Printer C		Printer D		Printer E		Printer F		Printer G	

FIG. 3B

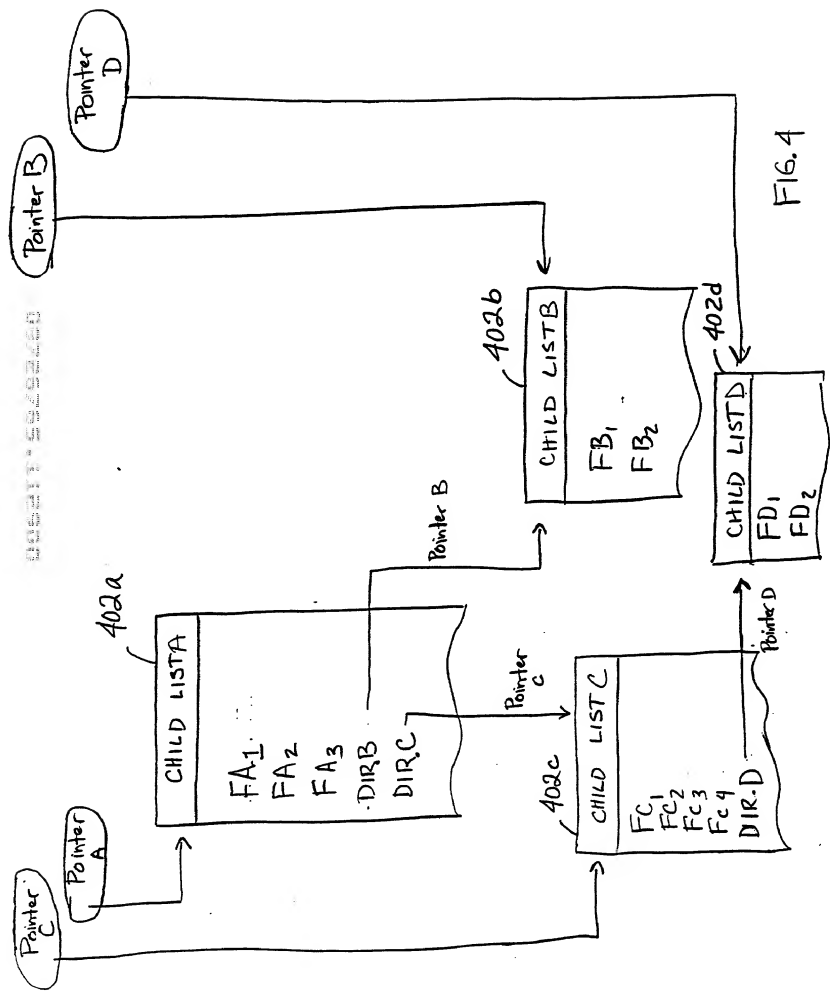


FIG. 4

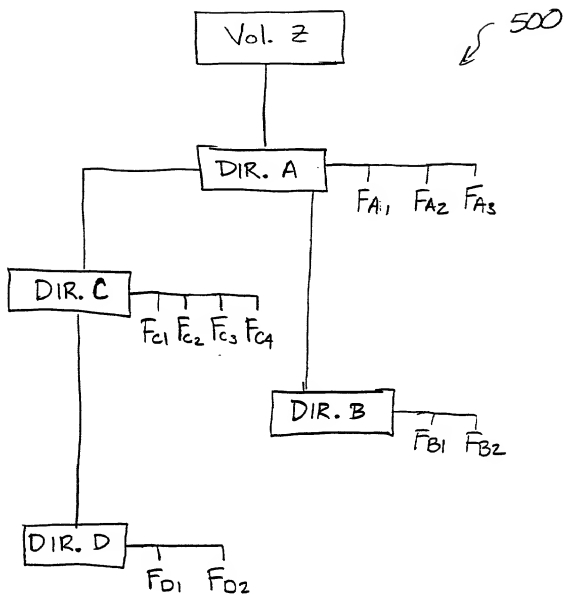


FIG. 5

600 →

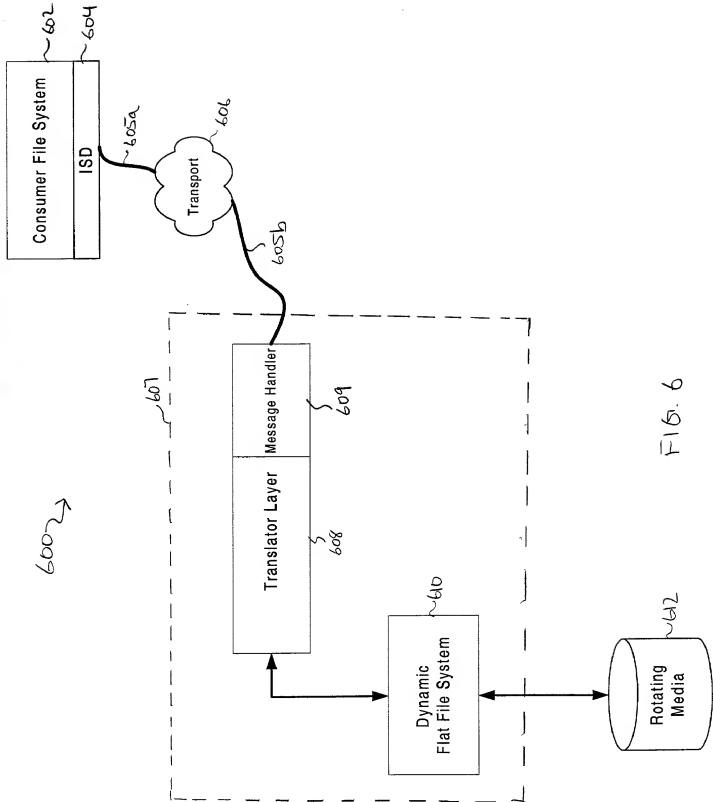


FIG. 6

2700

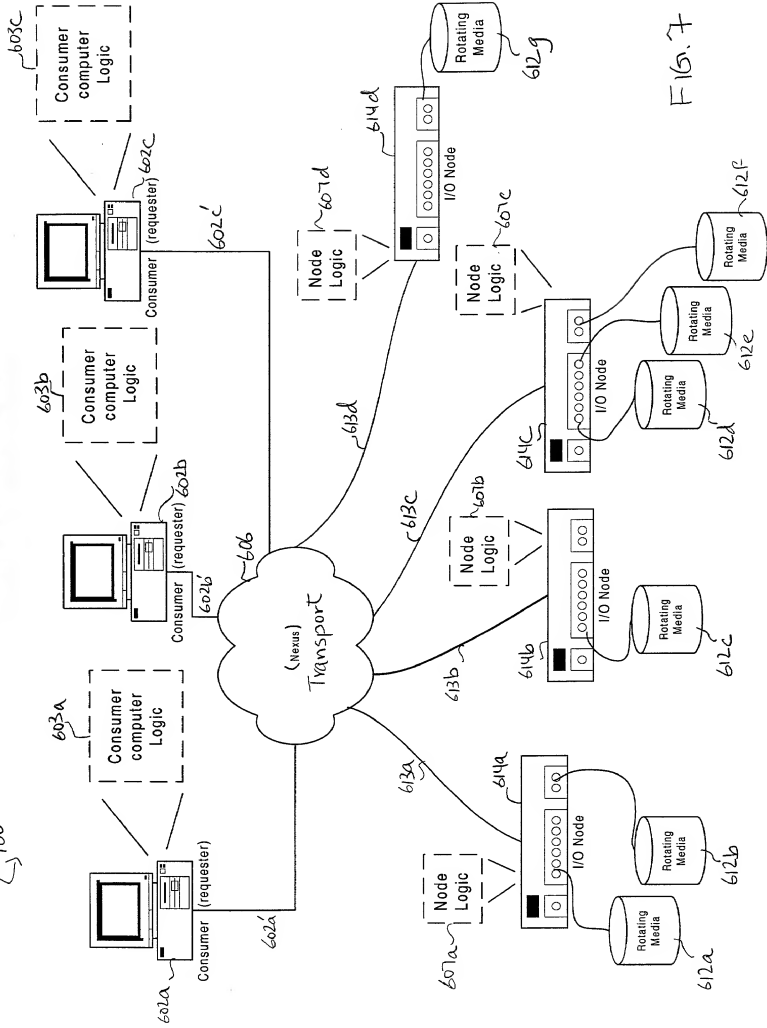


FIG. 7

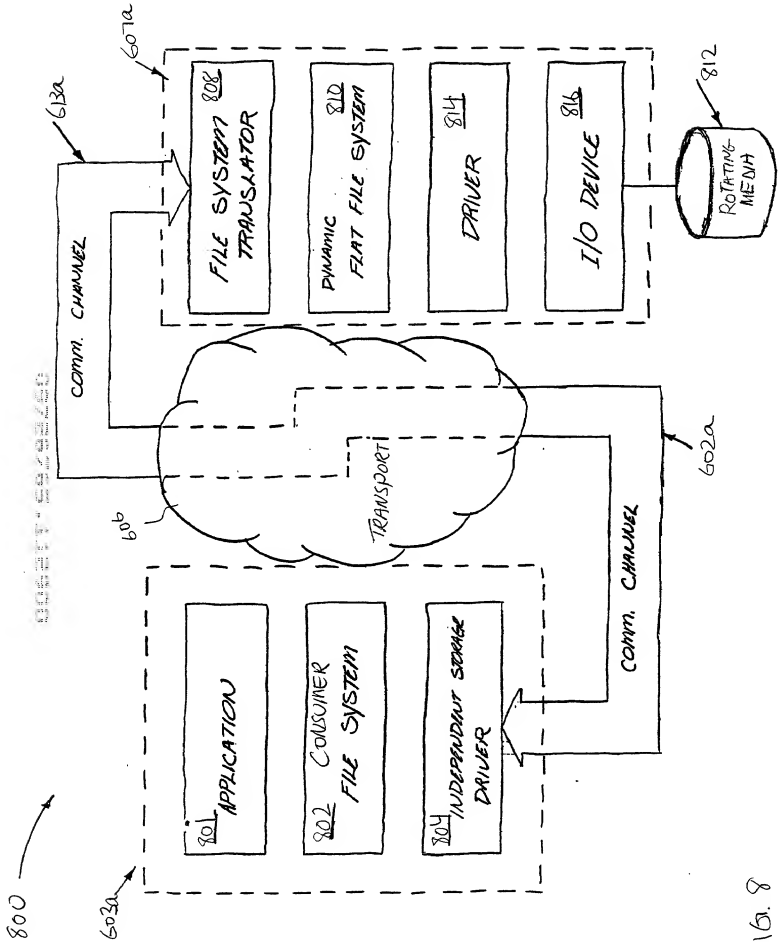


FIG. 8

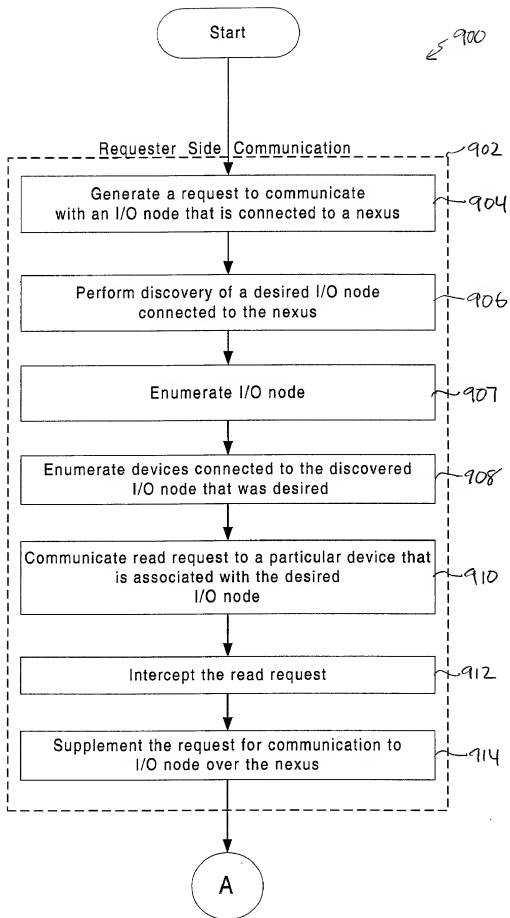


FIG. 9A

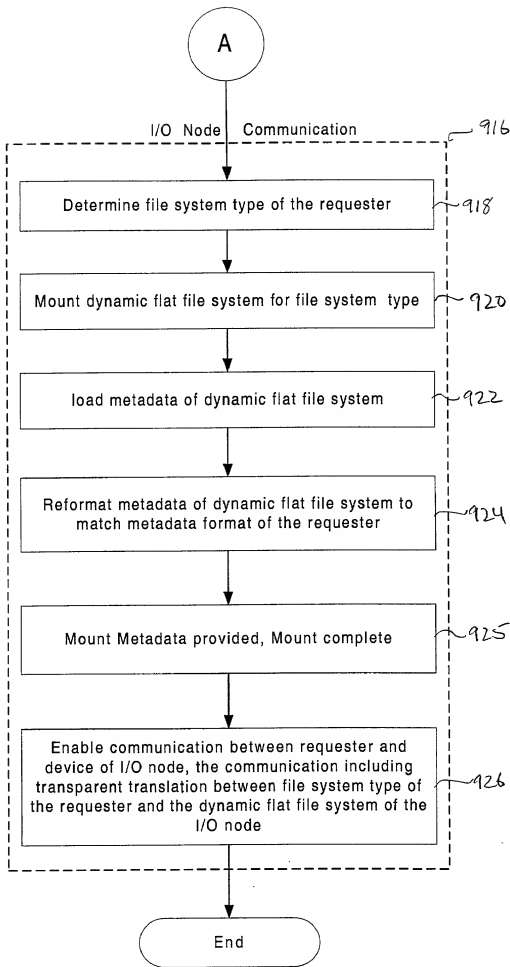


FIG. 913